

HIGH SPEED TURNOVER APPARATUS AND METHOD

Abstract of the Disclosure

A turnover apparatus and method for inverting articles such as lumber or board pieces being conveyed sideways on two or more conveyor chain loops in which each article is advanced on the conveyor chain loops by speed up belts engaging the underside of the articles to force a leading side against a pair of lugs mounted on a respective conveyor chain loop, the article thereafter flipped up to an on edge position by flipper arms also mounted on the conveyor chain loops which each engage an adjustable cam ramp at a turnover station, the article thereafter tipped over backward by being driven by the speed belts against an elevated overhung trailing edge on the lugs to complete the turnover. Optional pivoted let down elements may be arranged to engage the trailing side of the articles to controllably lower the same by motion induced by a second cam ramp at the turnover station.